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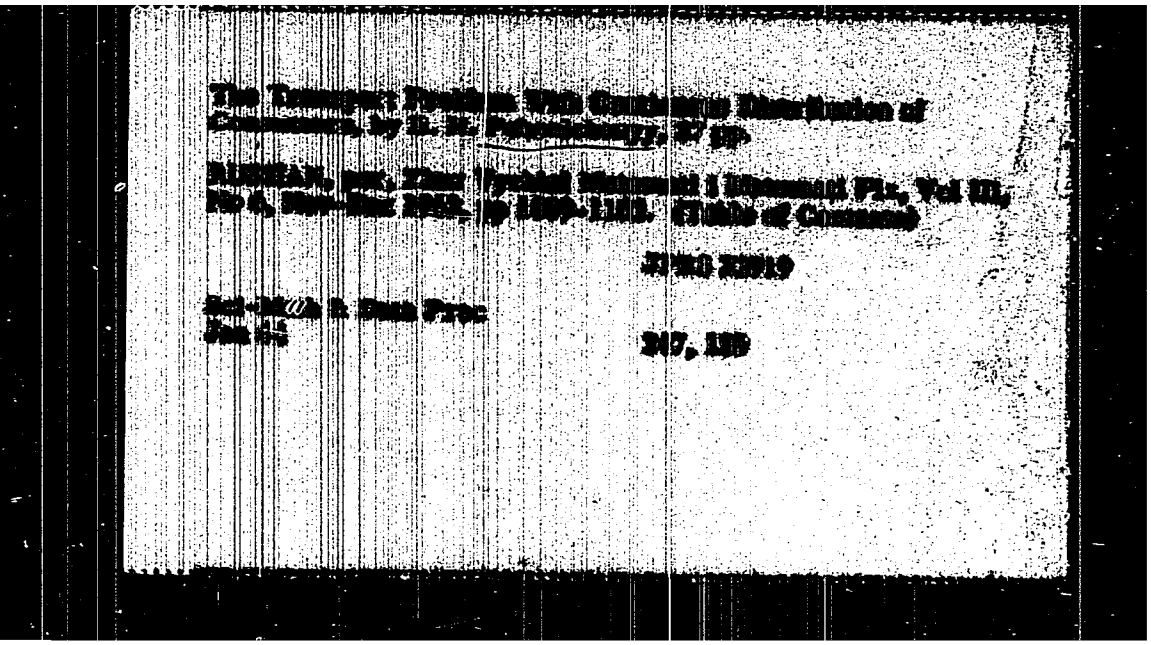

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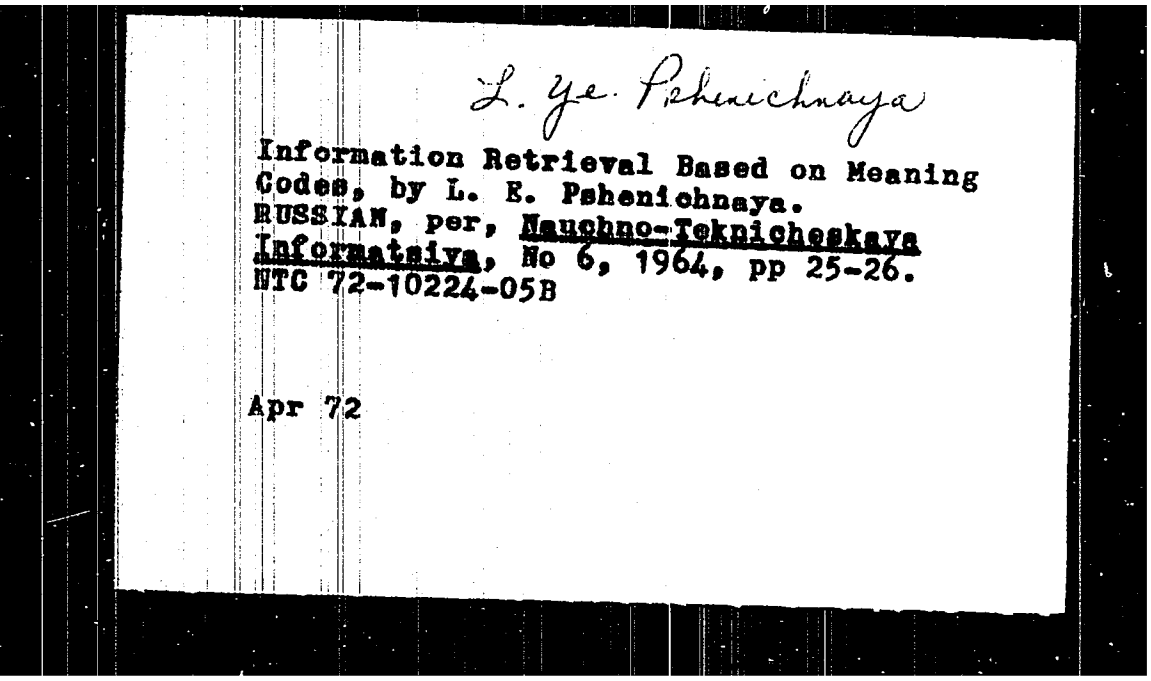

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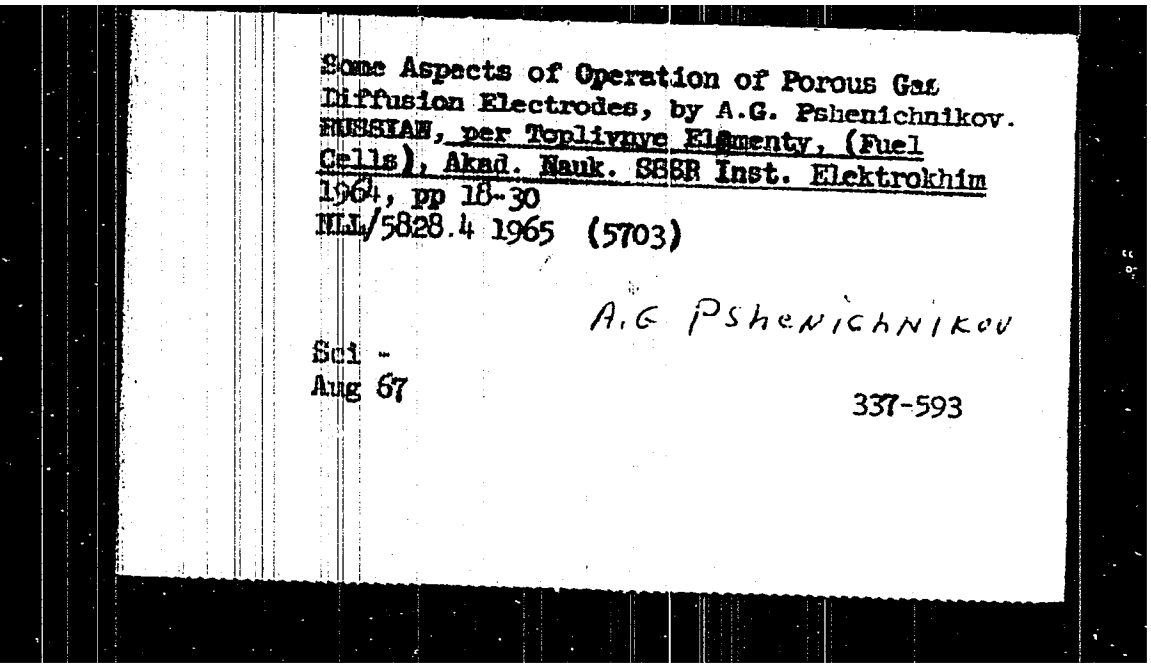

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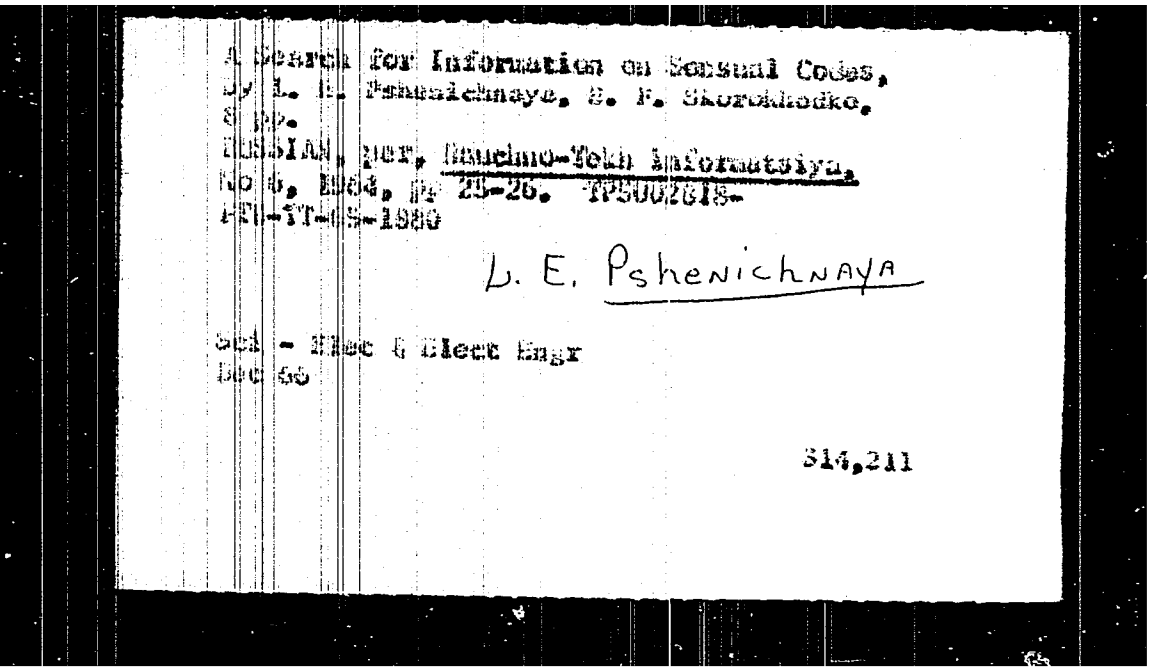

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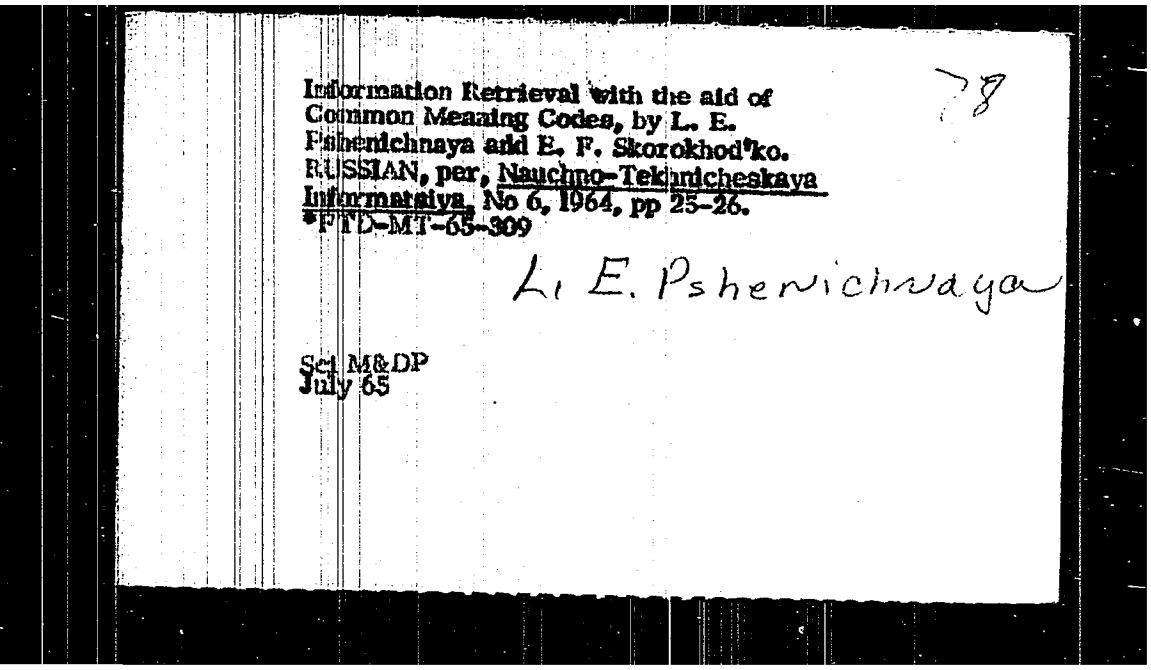

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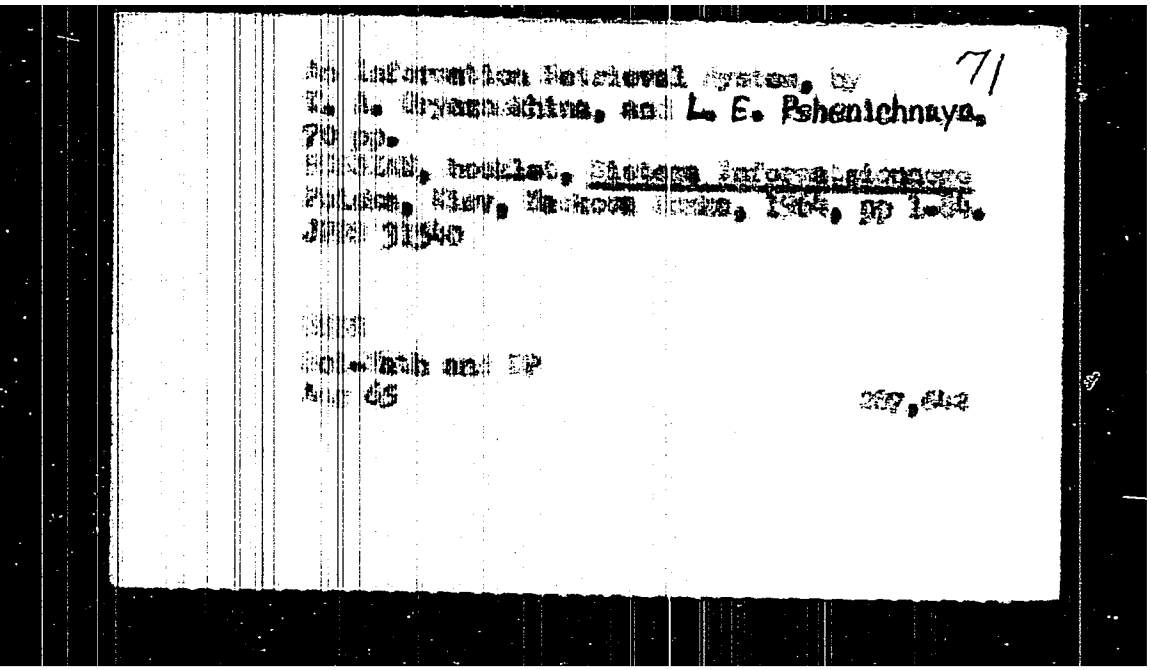

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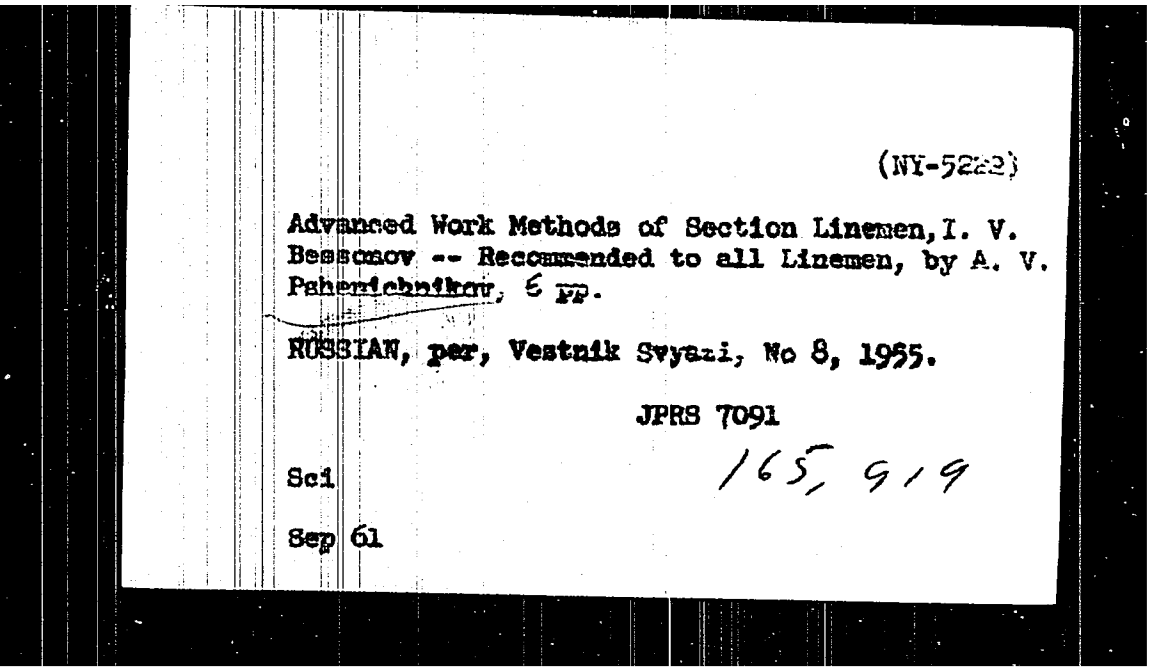

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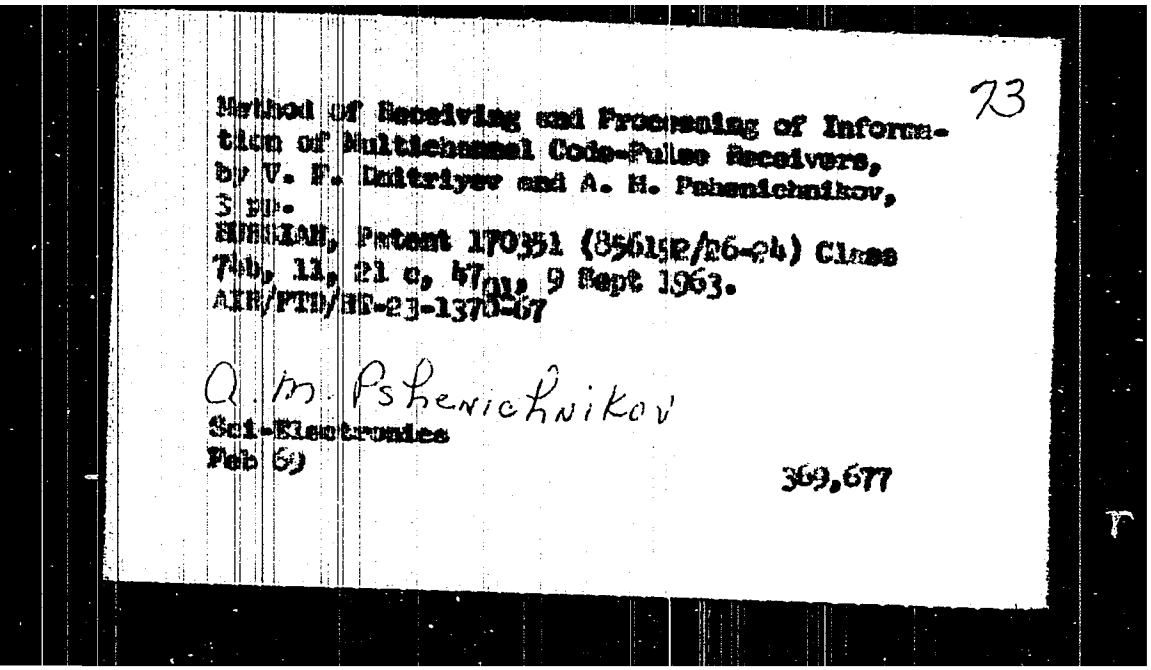

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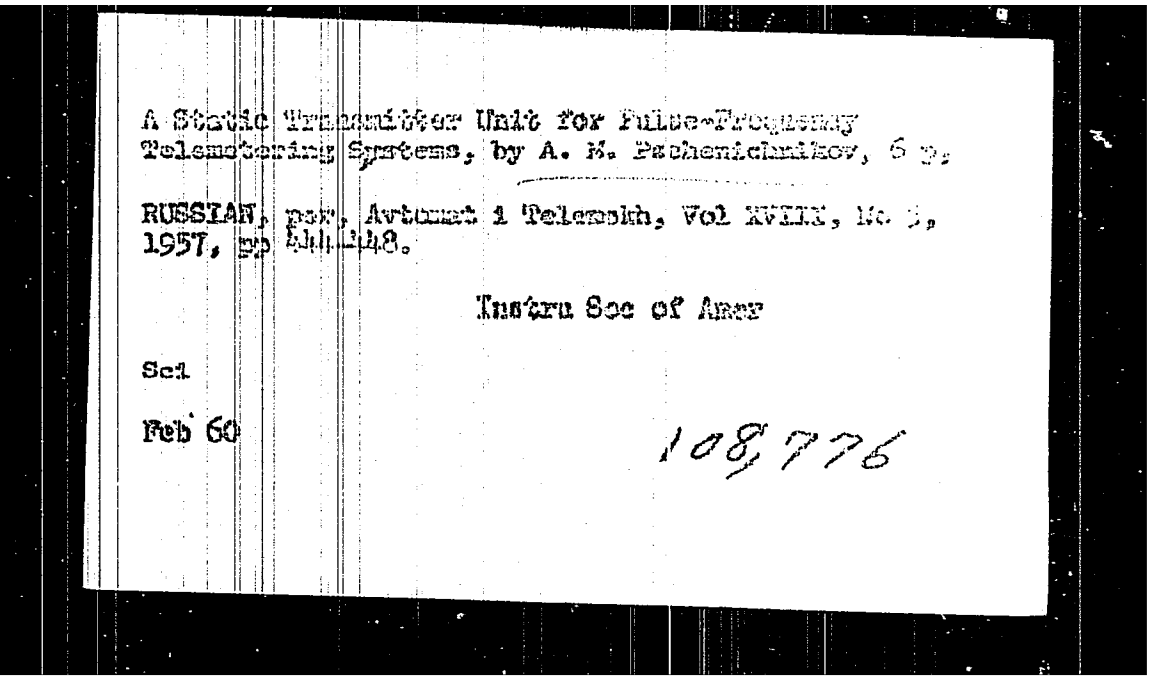

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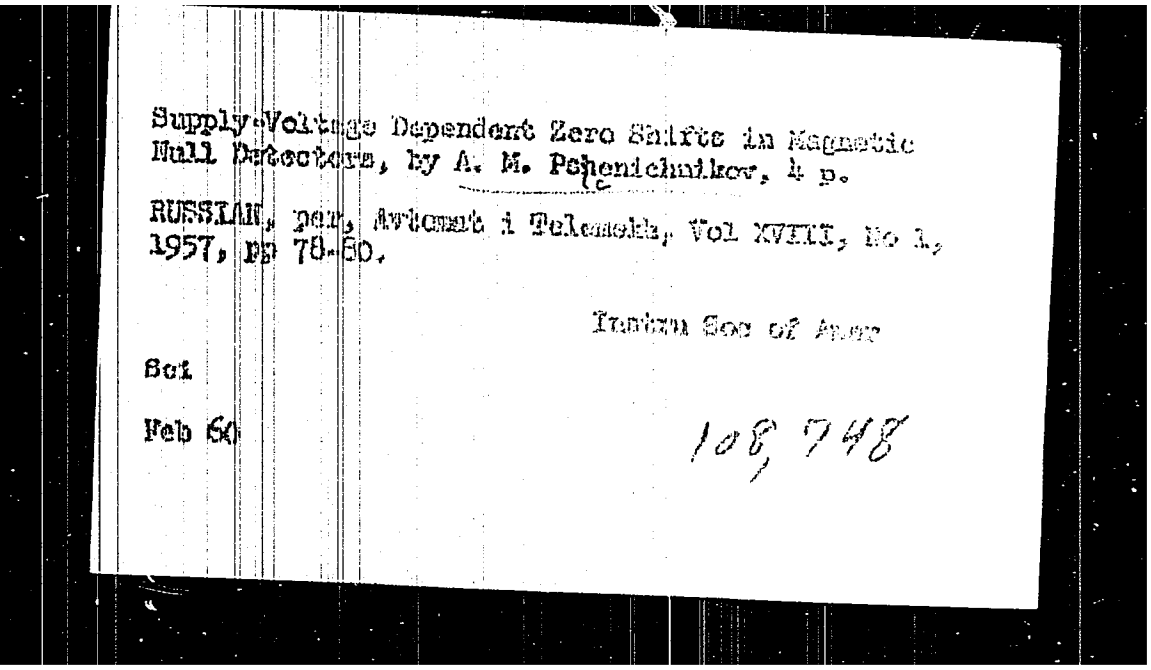

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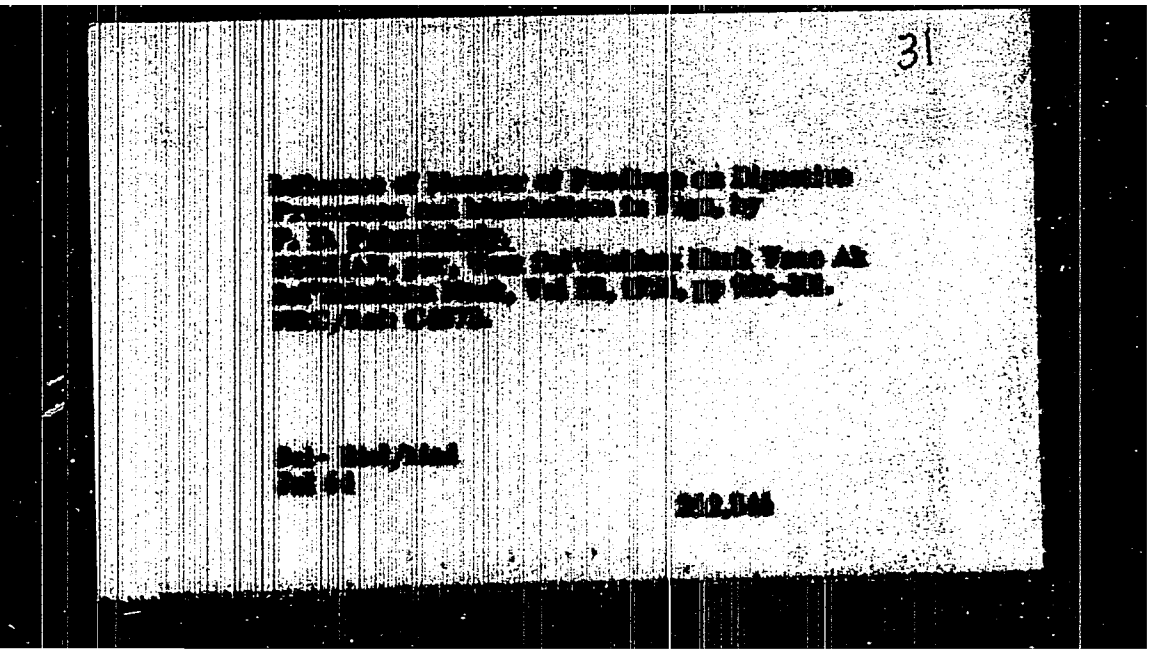

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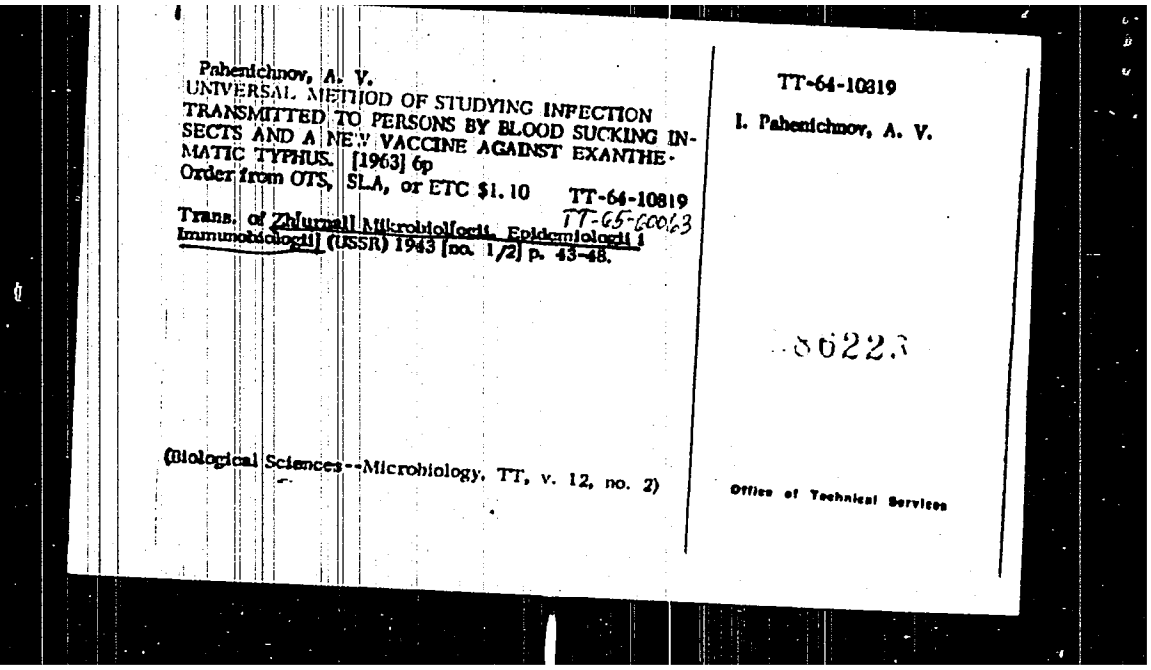

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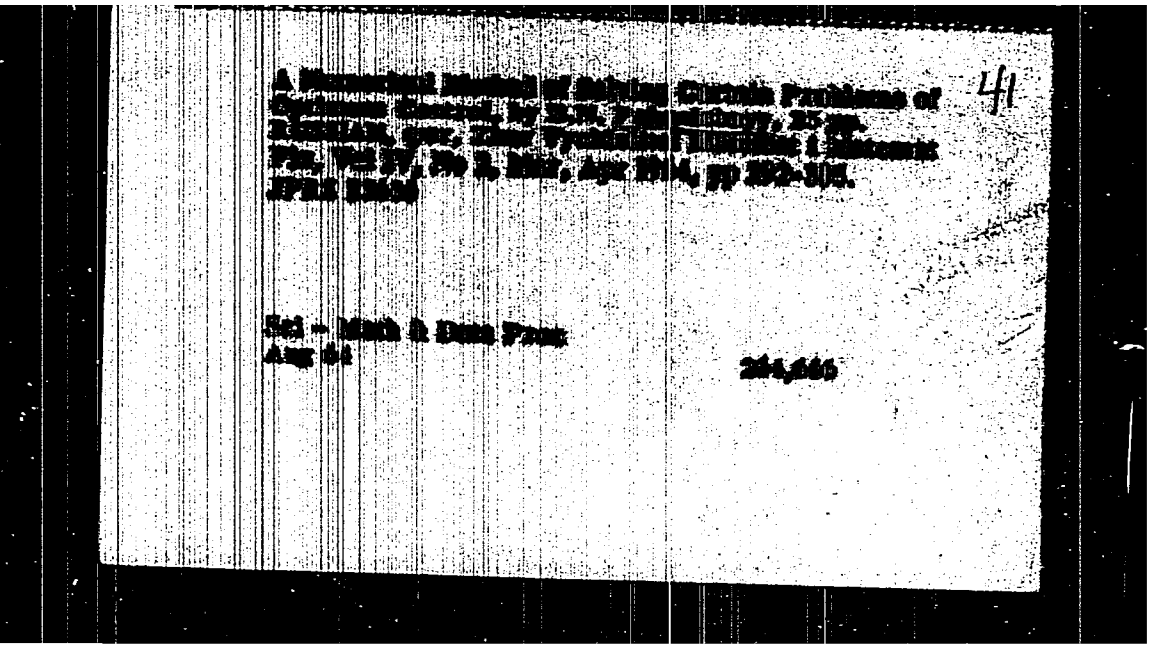

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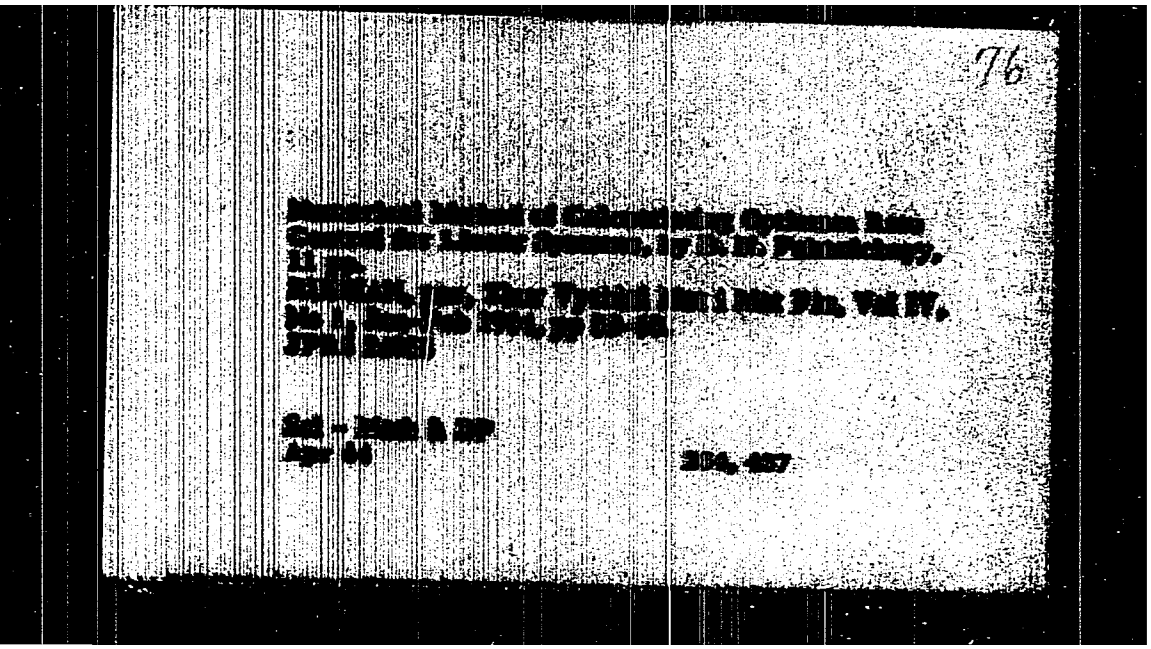

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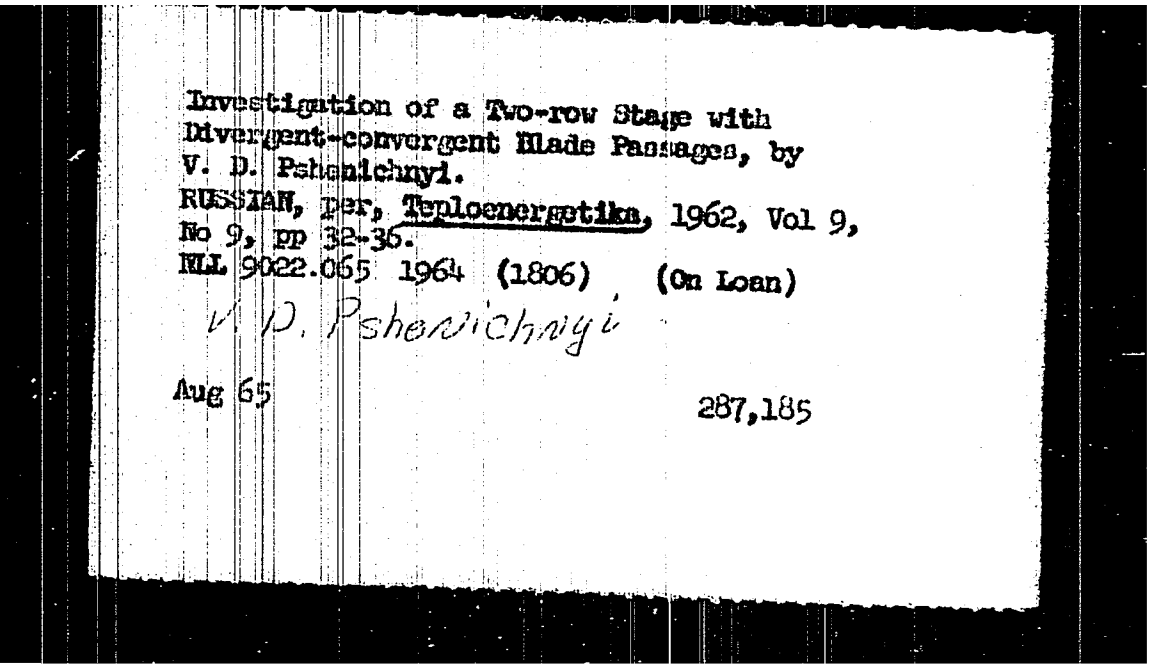

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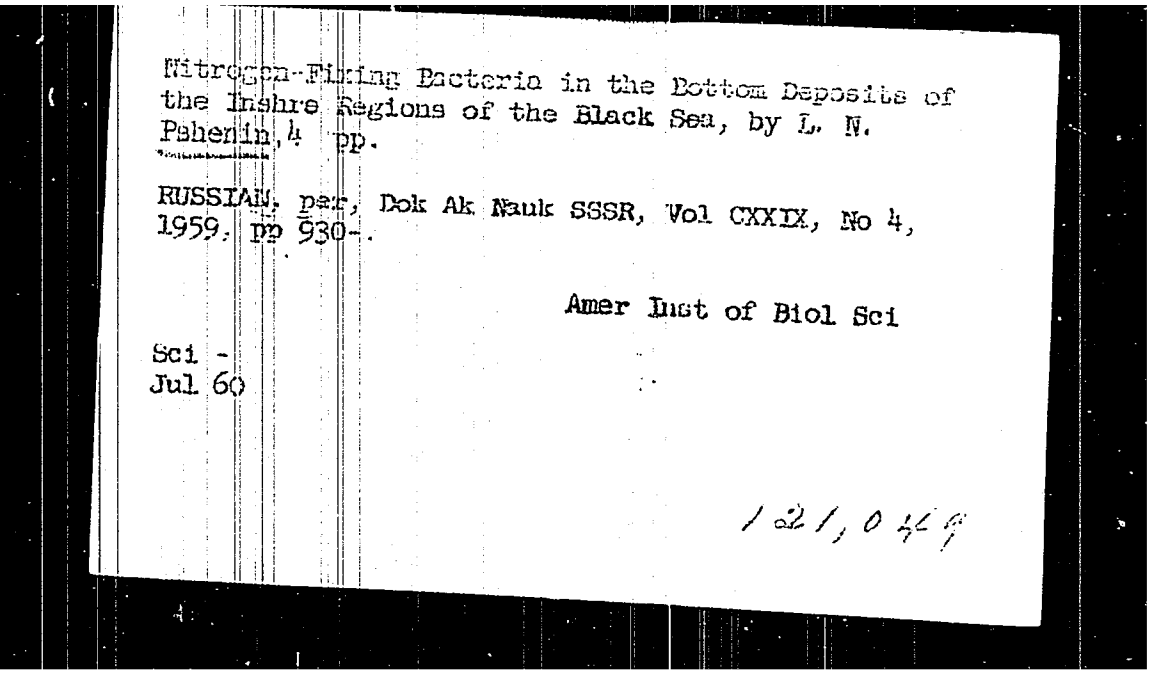

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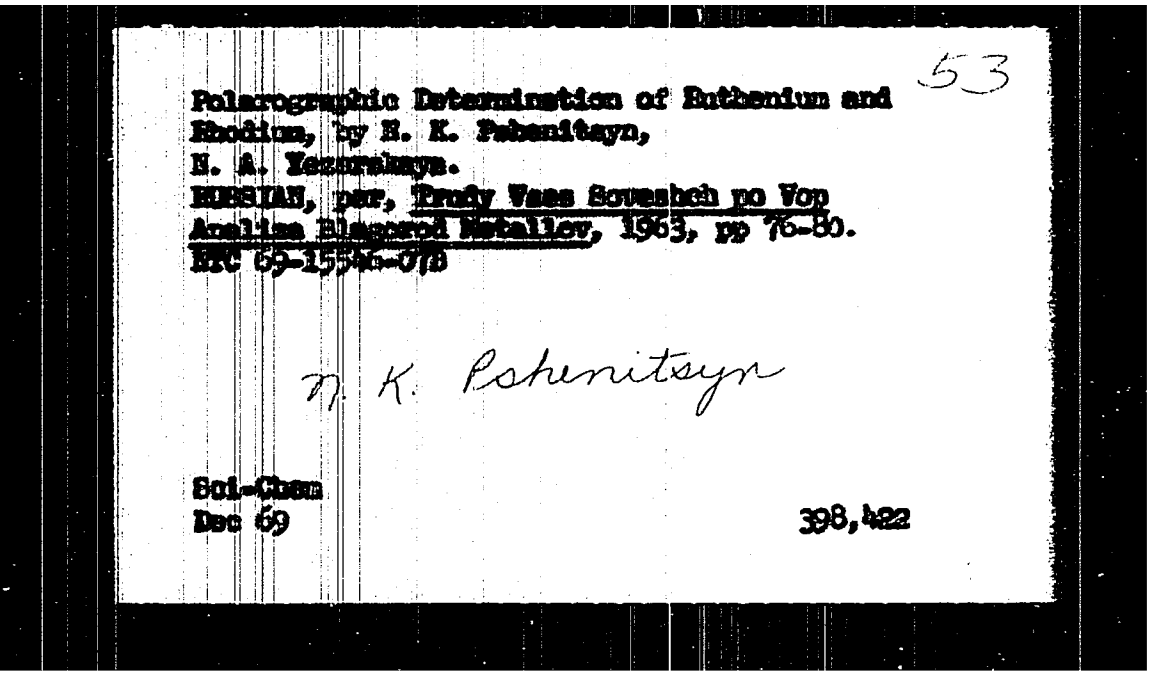

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Rpt 69-15546-078

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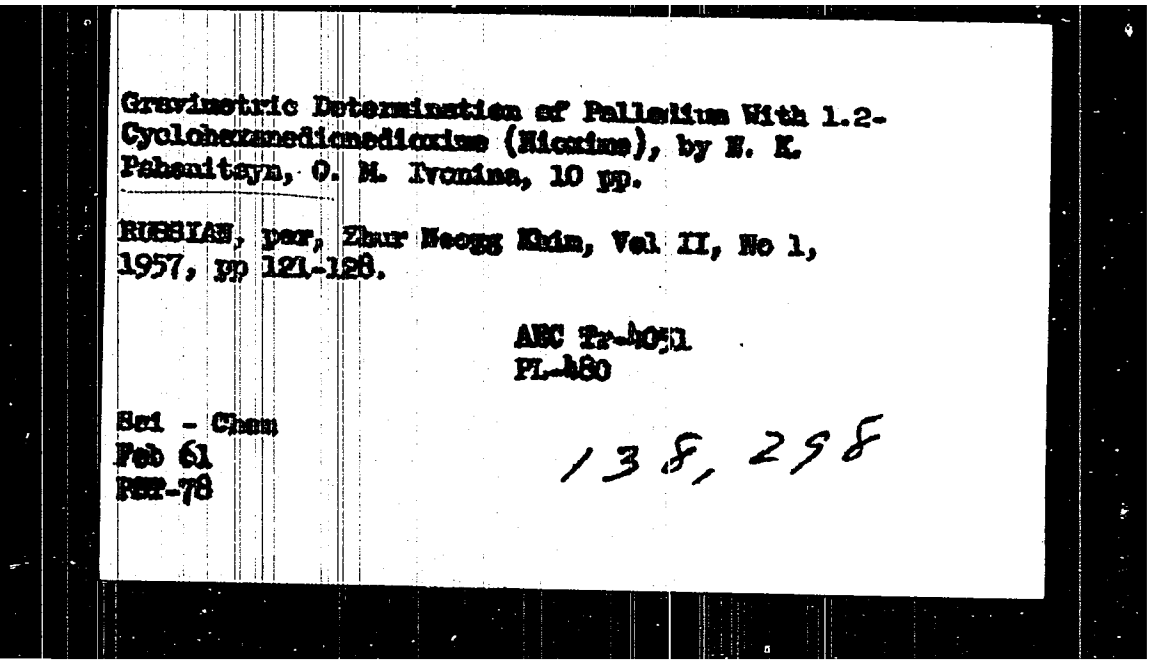

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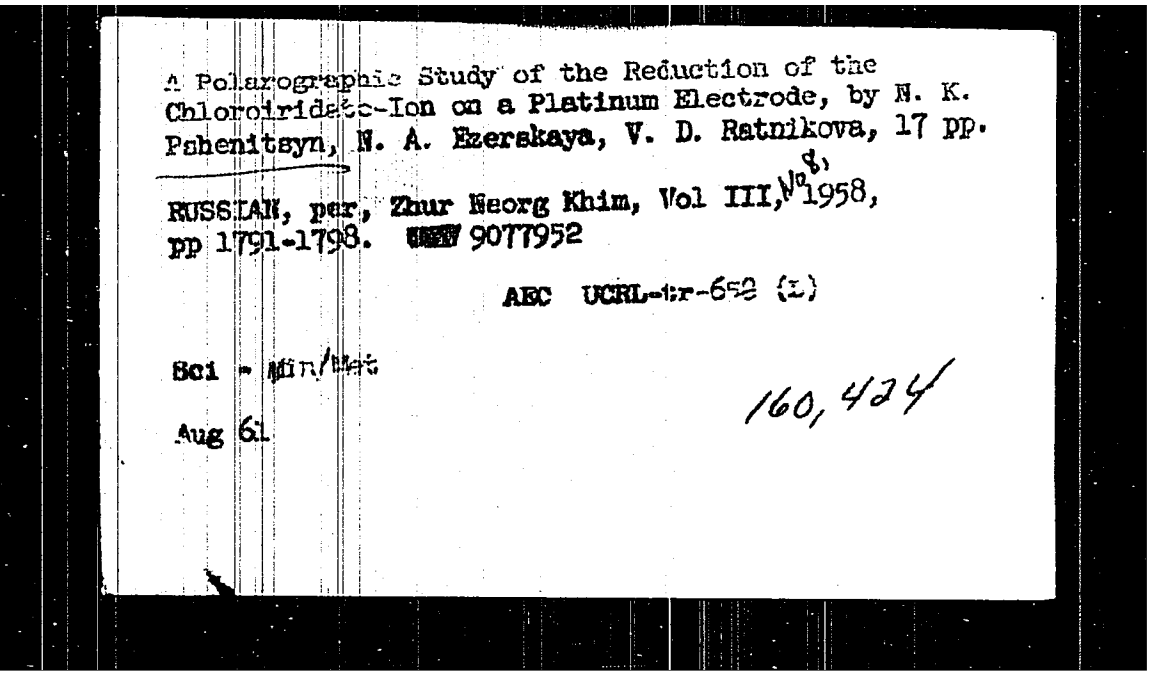

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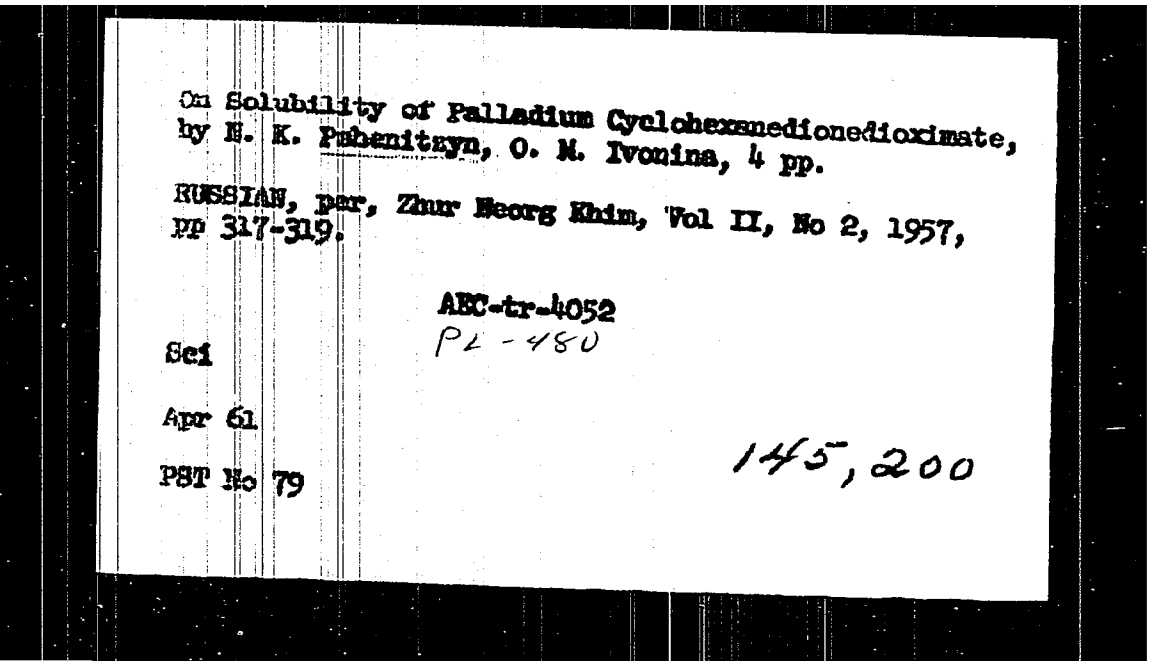

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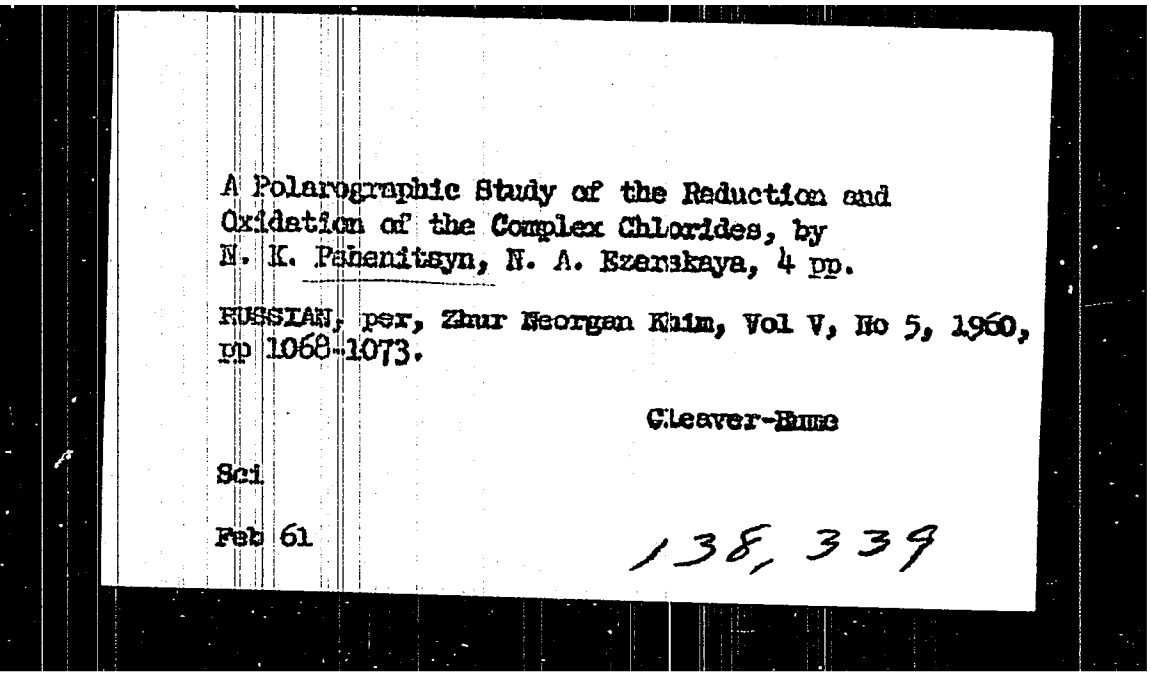

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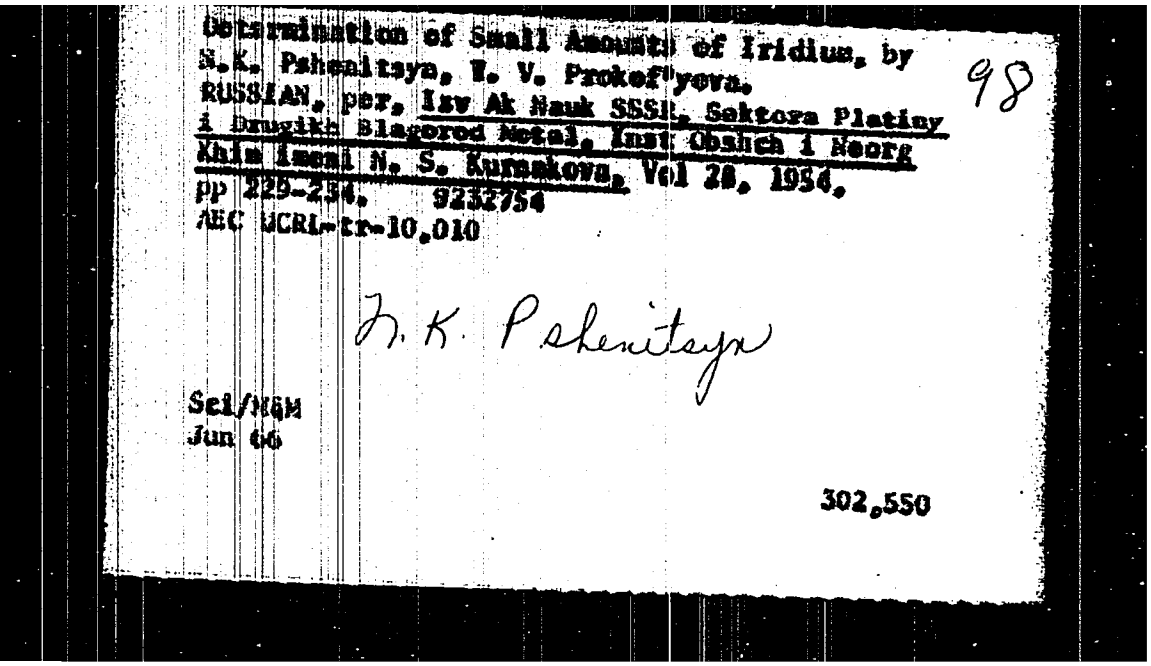

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98

S. K. Pshenitsyn

Sel/Mgm
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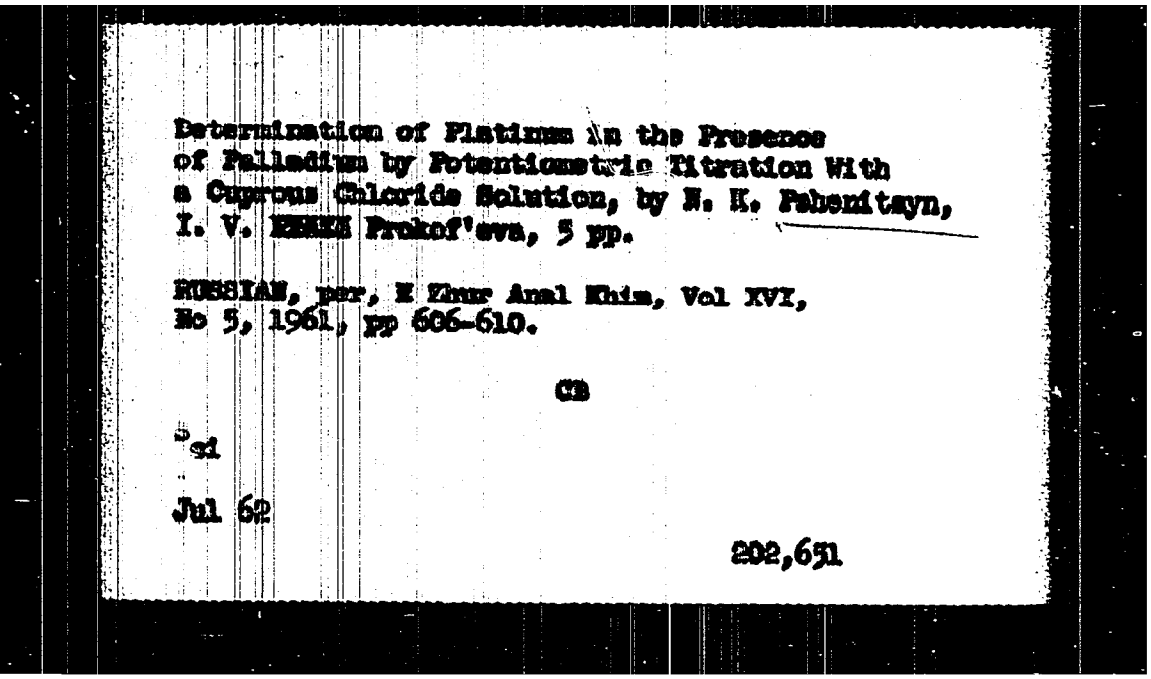

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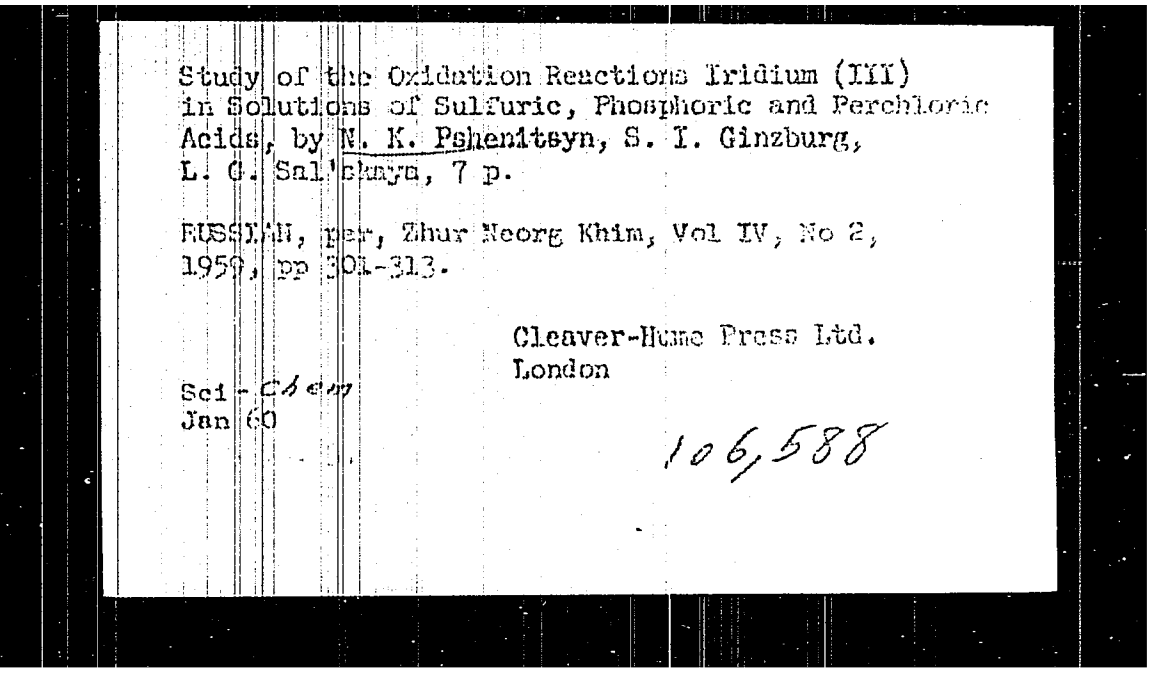

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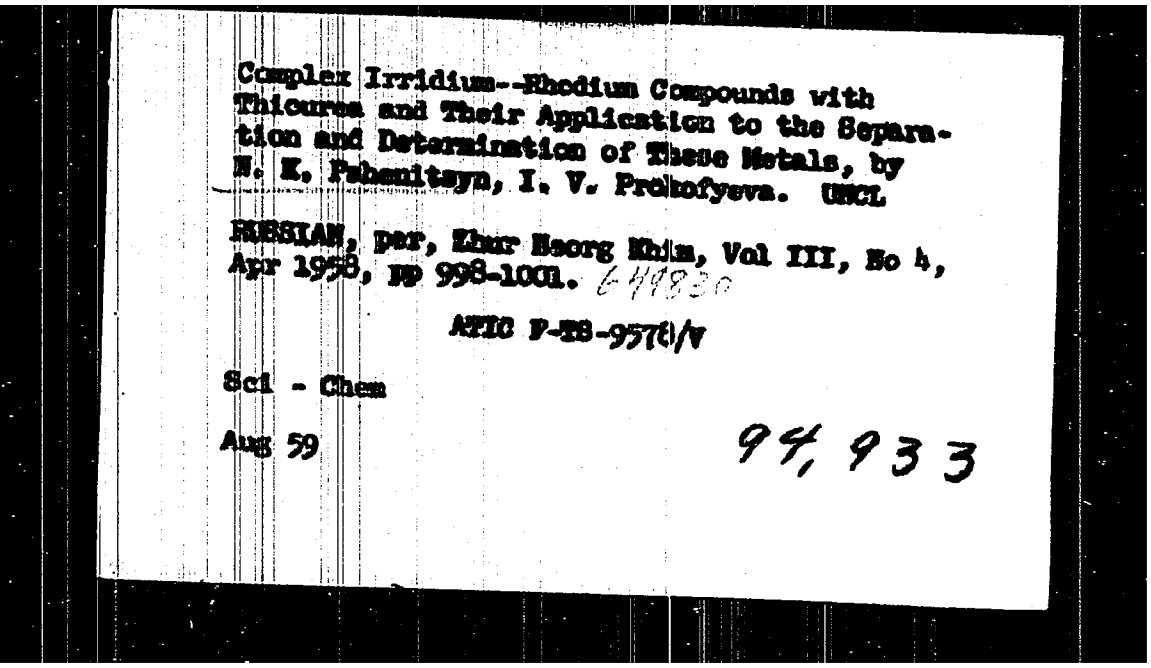

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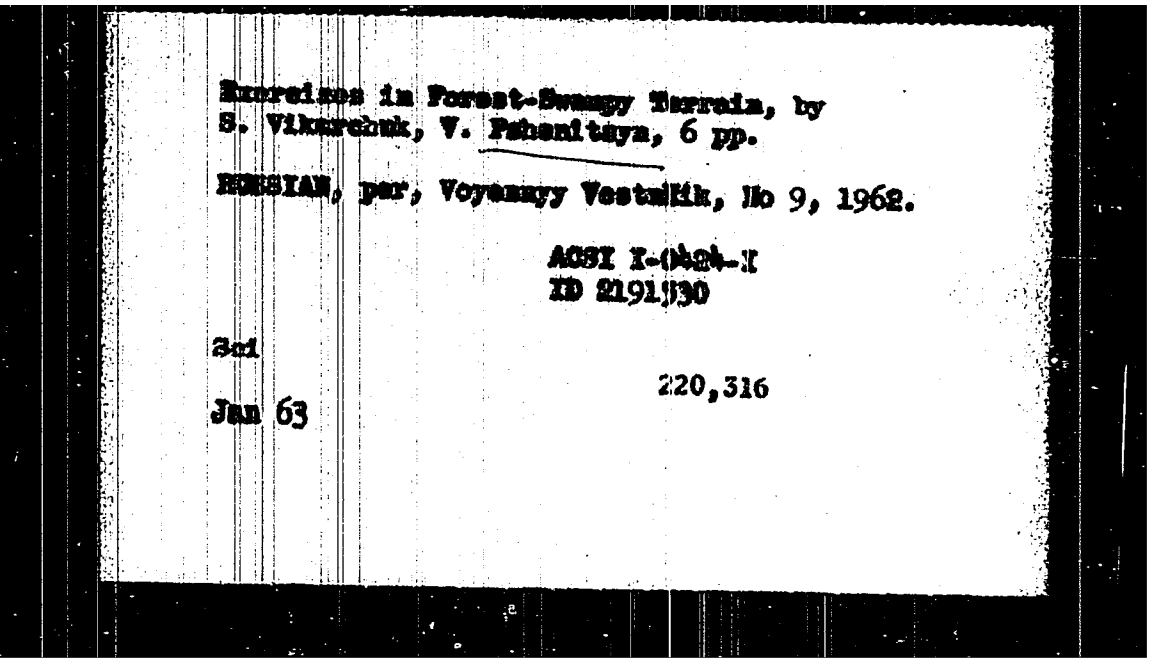

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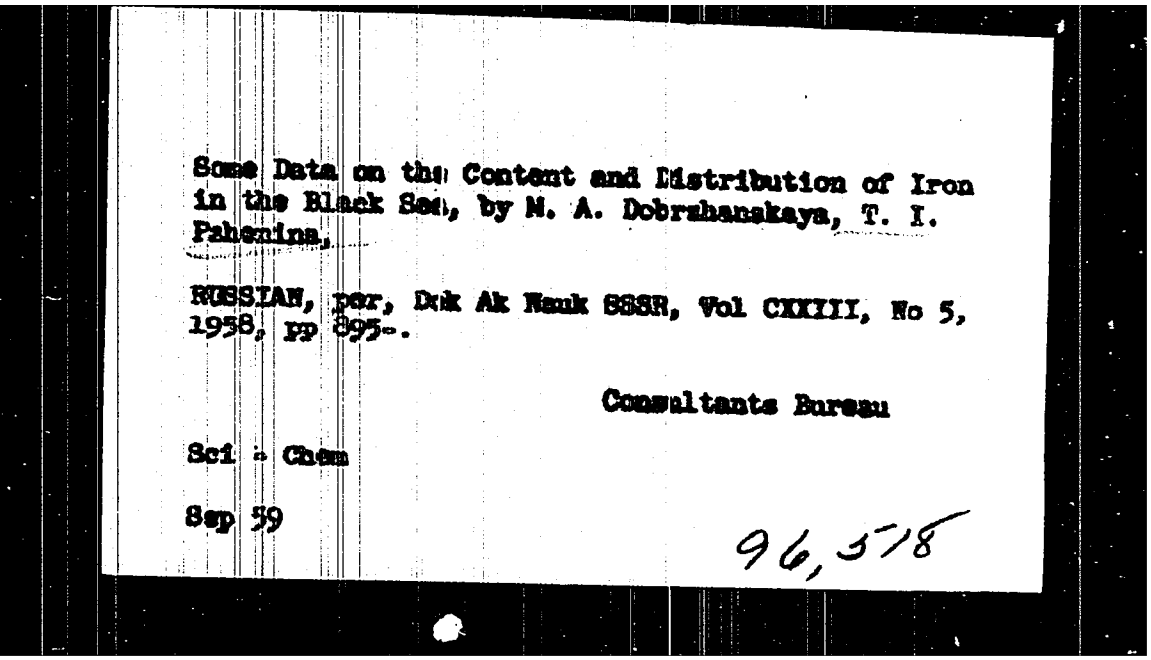

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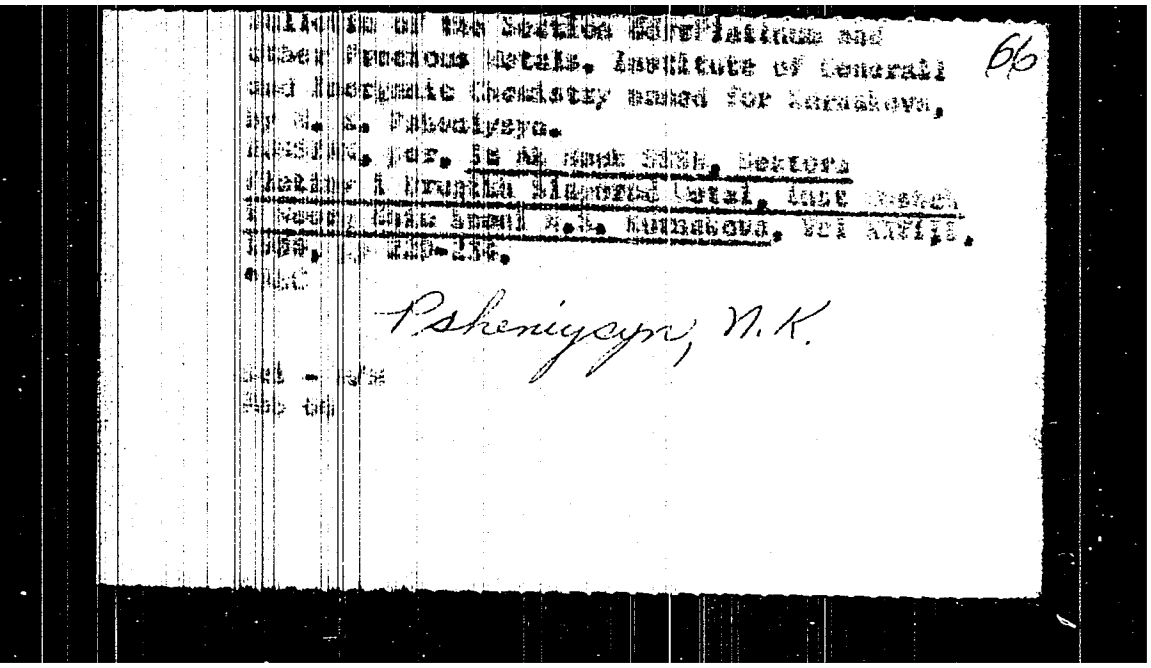

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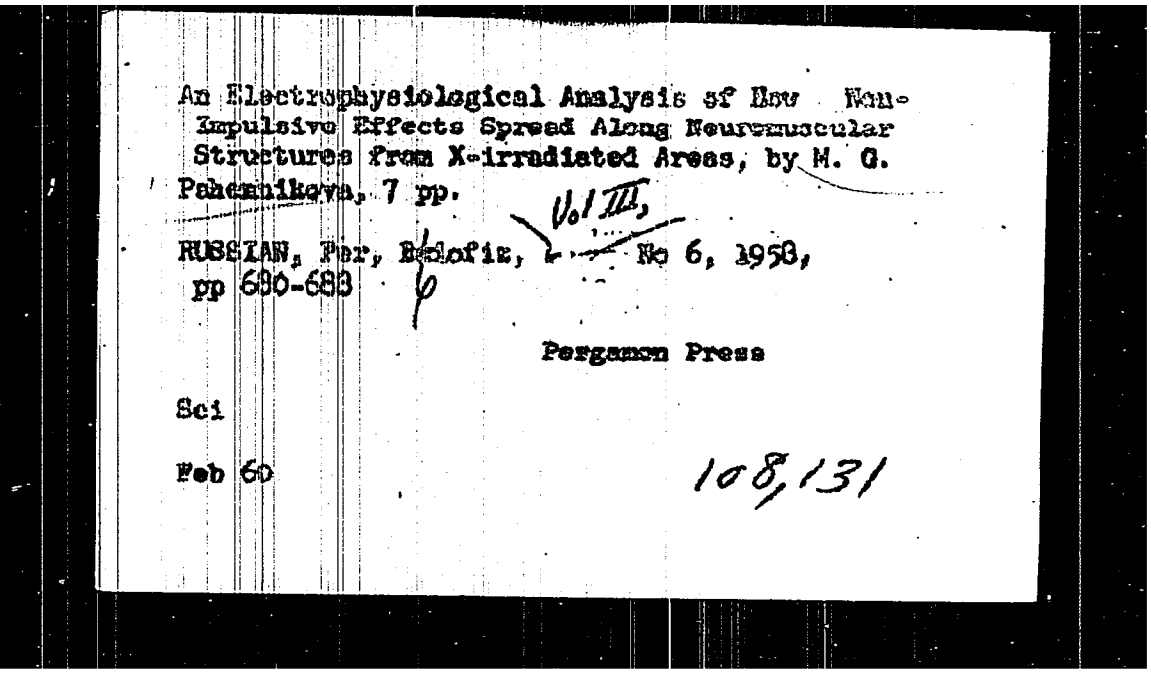

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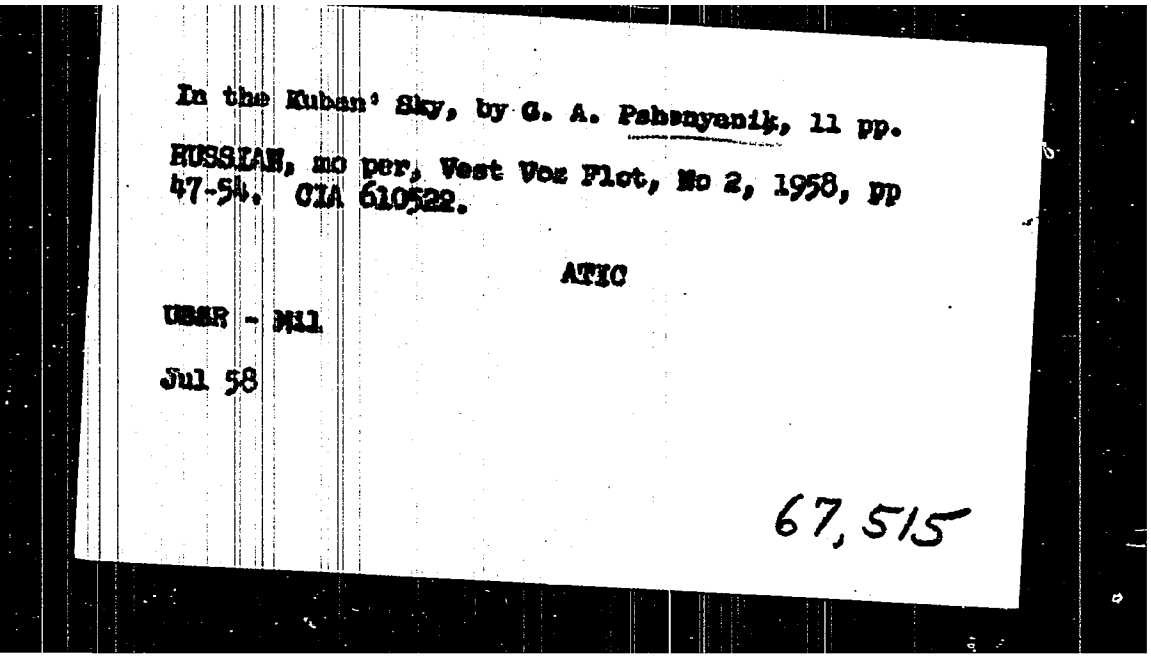

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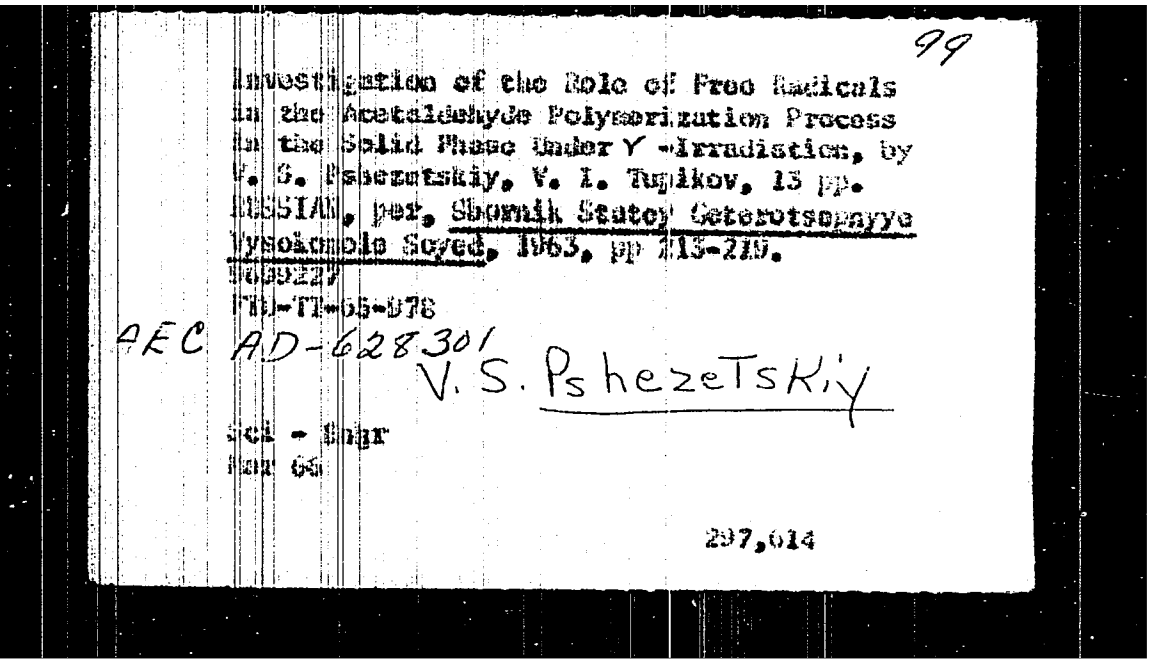

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TT-65-078

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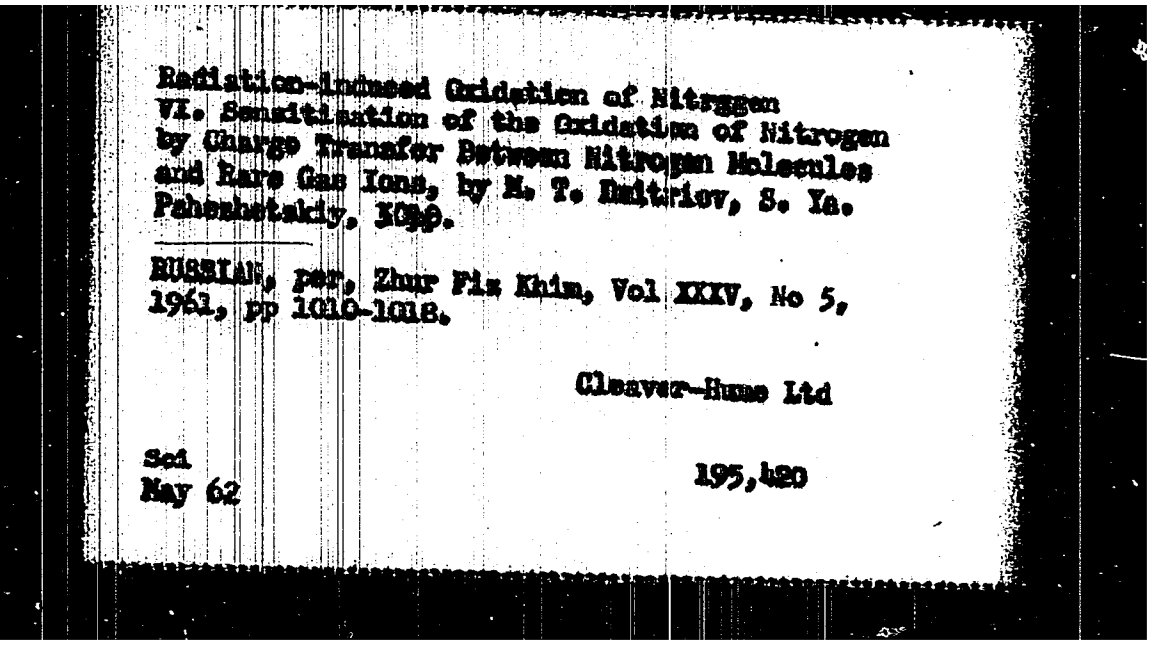

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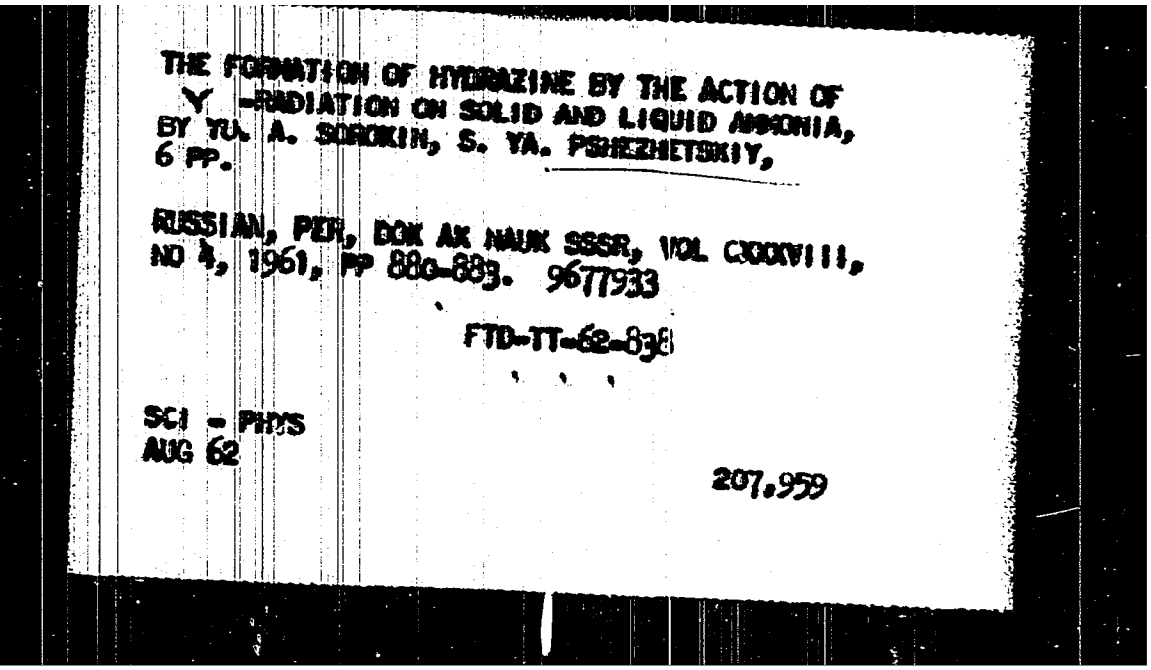

THE FORMATION OF HYDRAZINE BY THE ACTION OF
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BY YU. A. SOKOLIN, S. YA. PSHEZHETSKIY,
6 PP.

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FTD-TT-62-838

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201180027-7

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Pahezhetskii, S. Ya. and Gladyshev, A. T.
KINETICS OF CATALYTIC DIMERIZATION OF ETHYLENE. [1961] 14p. 18 refs.
Order from OTS or SLA $1.60 61-18012

Trans. of Zhurnal Fizicheskoi Khimii (USSR) 1941, v. 15, p. 333-345.

DESCRIPTORS: *Ethylenes, Polymerization, Chemical reactions, Nickel catalysts.

The kinetics of dimerization of ethylene on a nickel catalyst was determined, and it was established that the velocity of dimerization is proportional to the pressure of ethylene in the gaseous phase in the first degree. The apparent energy of activation of the reaction is about 10,500 cals. The results obtained were interpreted with the aid of the regularities characteristic for the kinetics of reactions occurring on non-uniform surfaces. (Author)

(Chemistry--Organic, TT, v. 6, no. 7)

61-18012

I. Pahezhetskii, S. Ya.
II. Gladyshev, A. T.

Office of Technical Services

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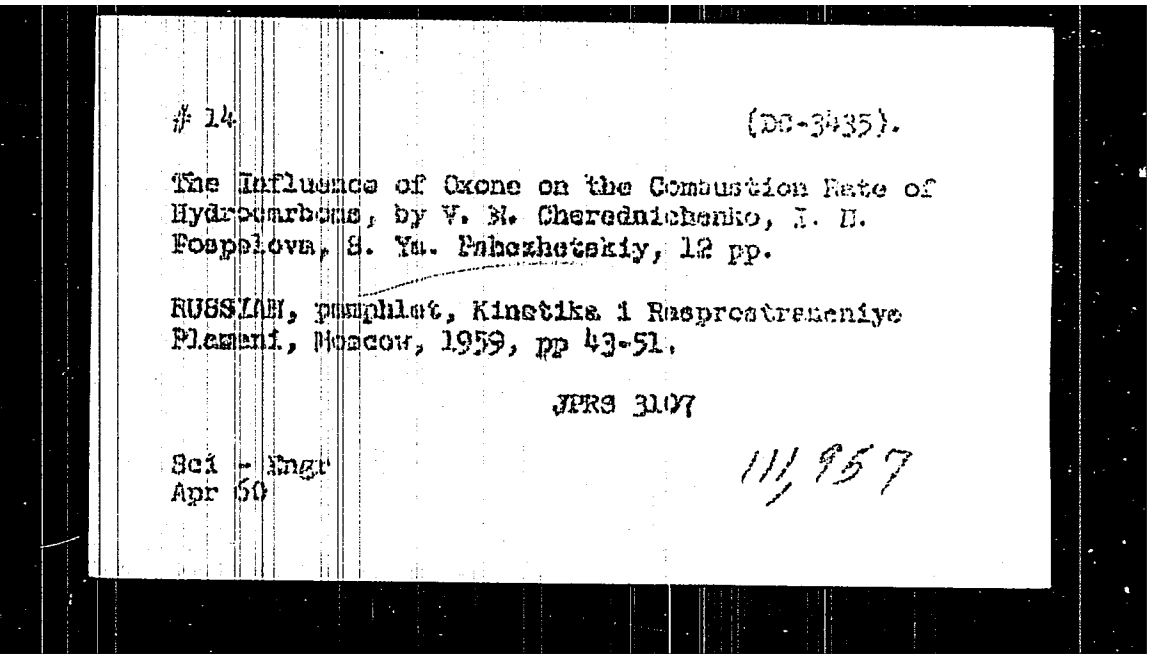

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JPRS 3107

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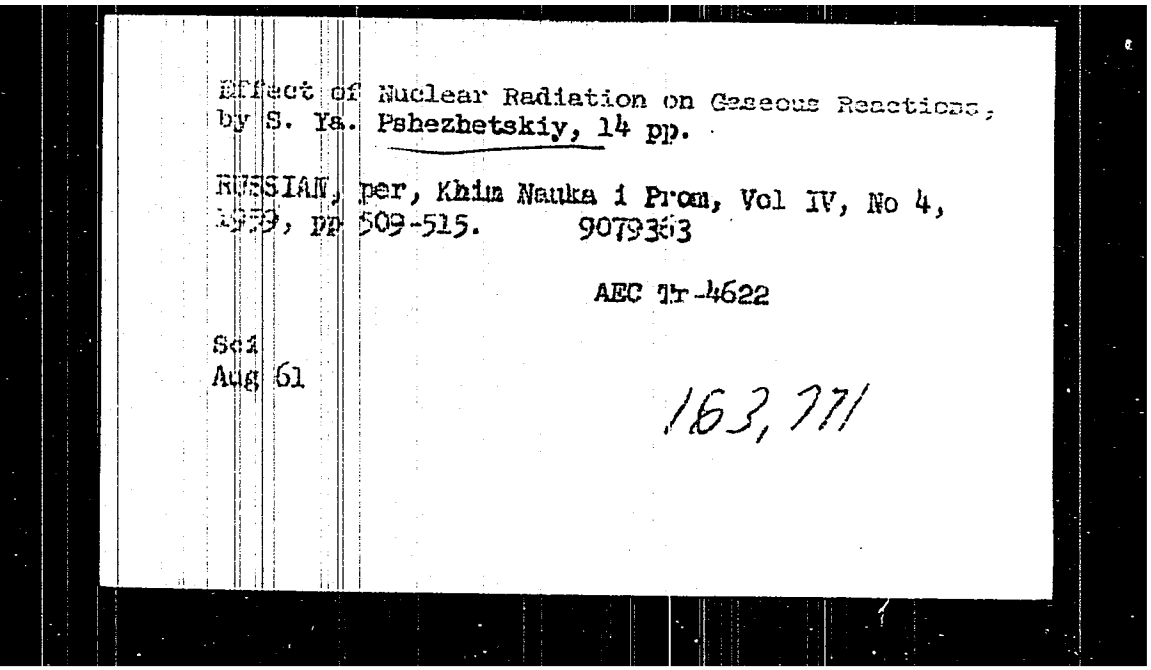

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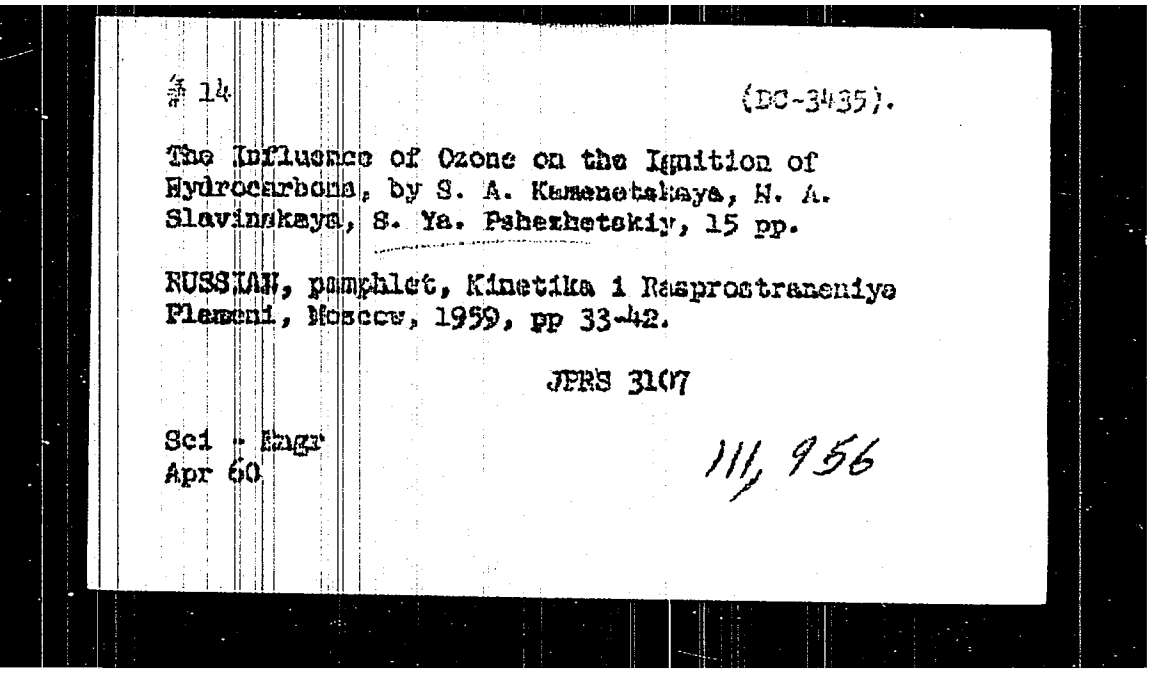

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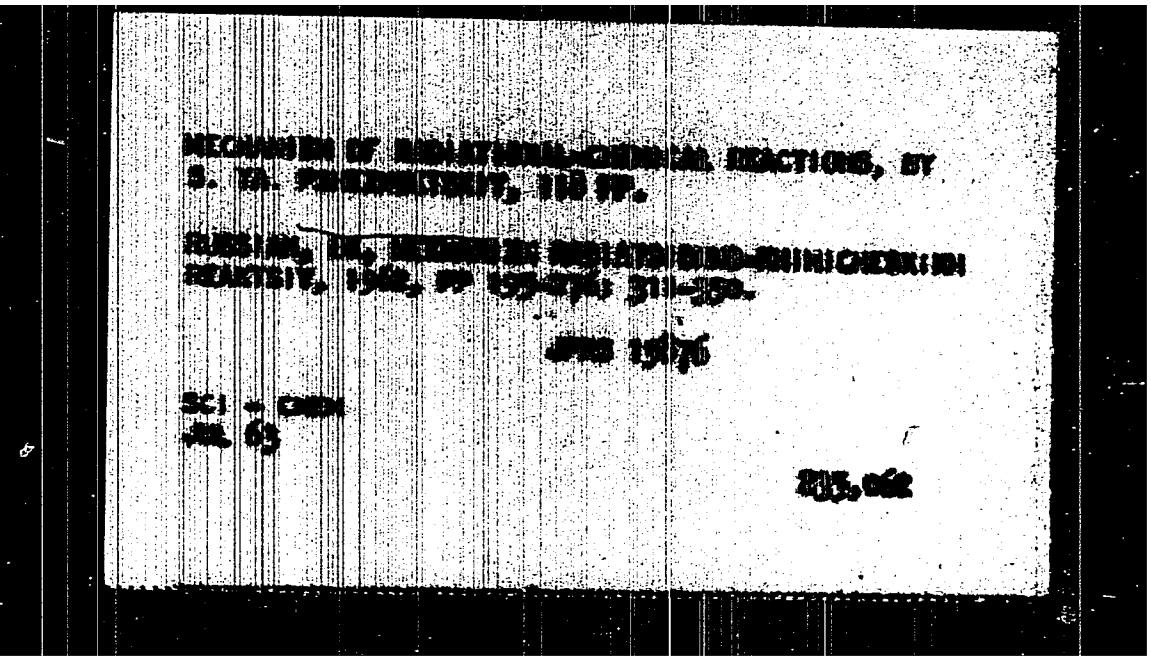

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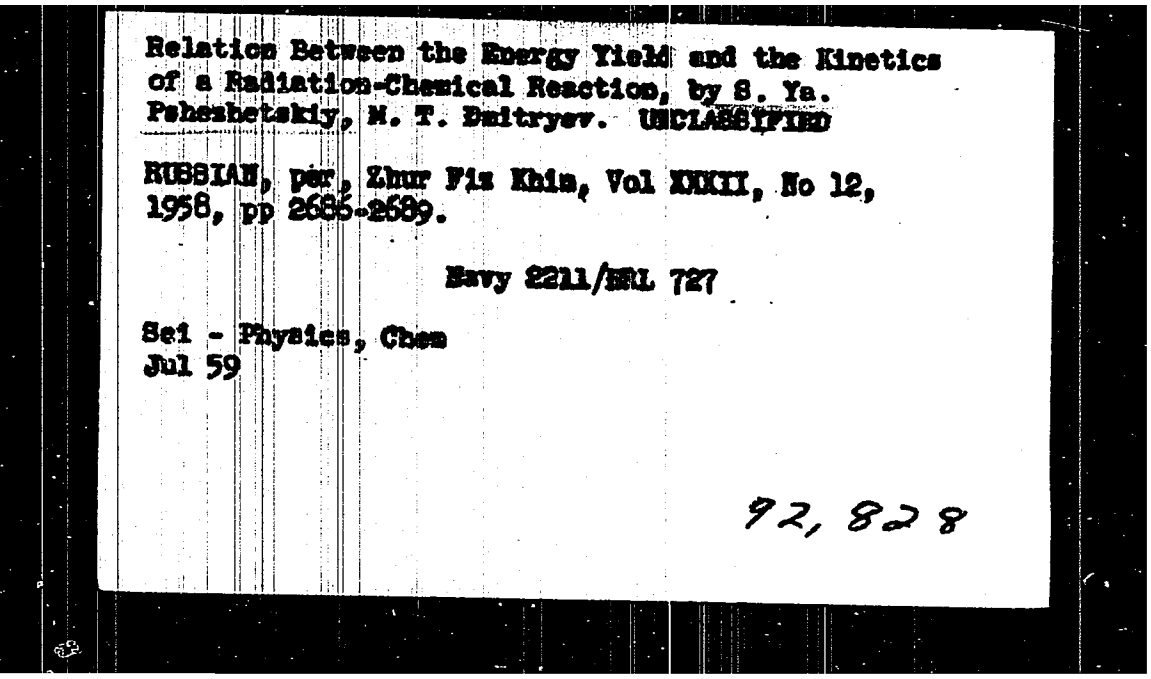

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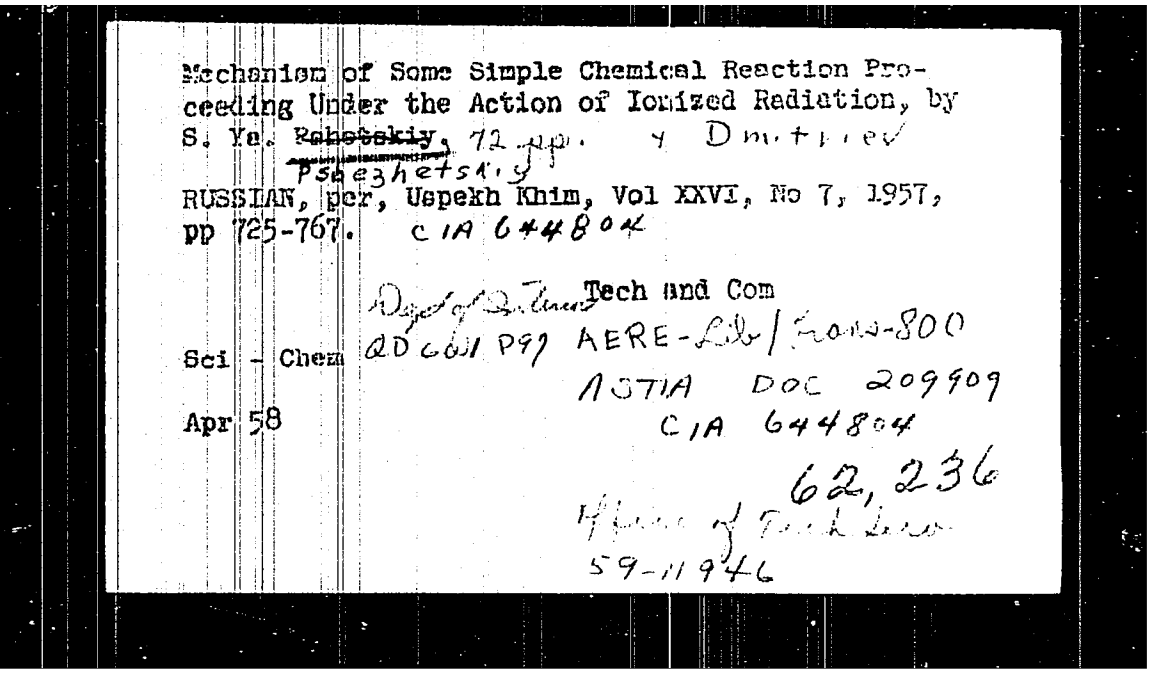

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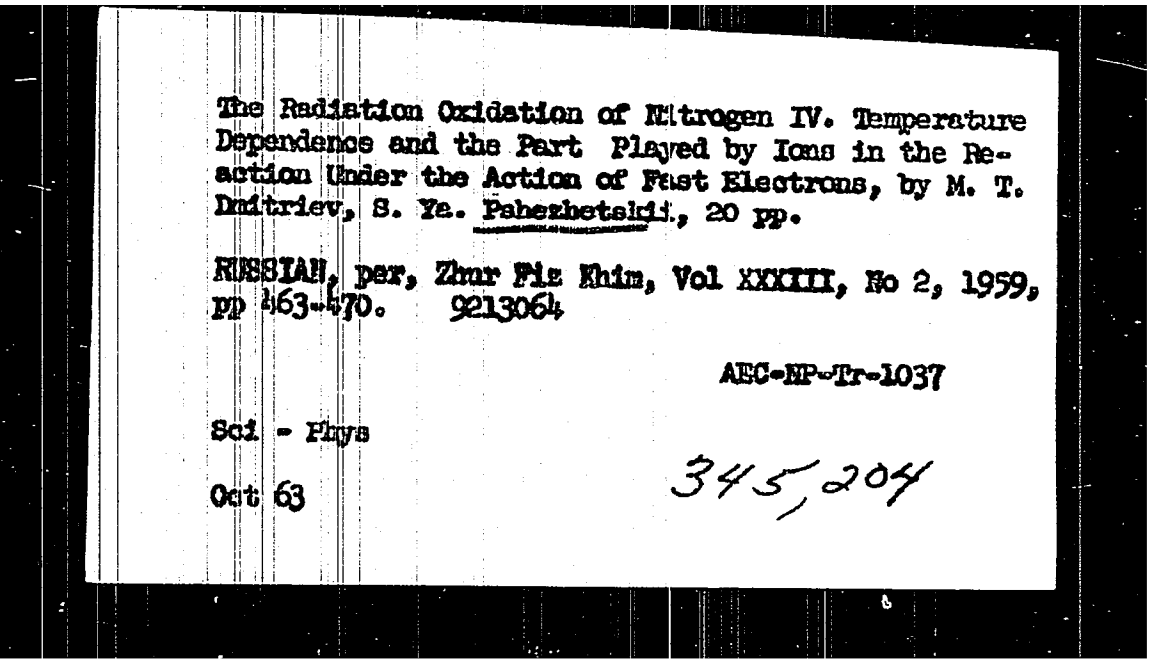

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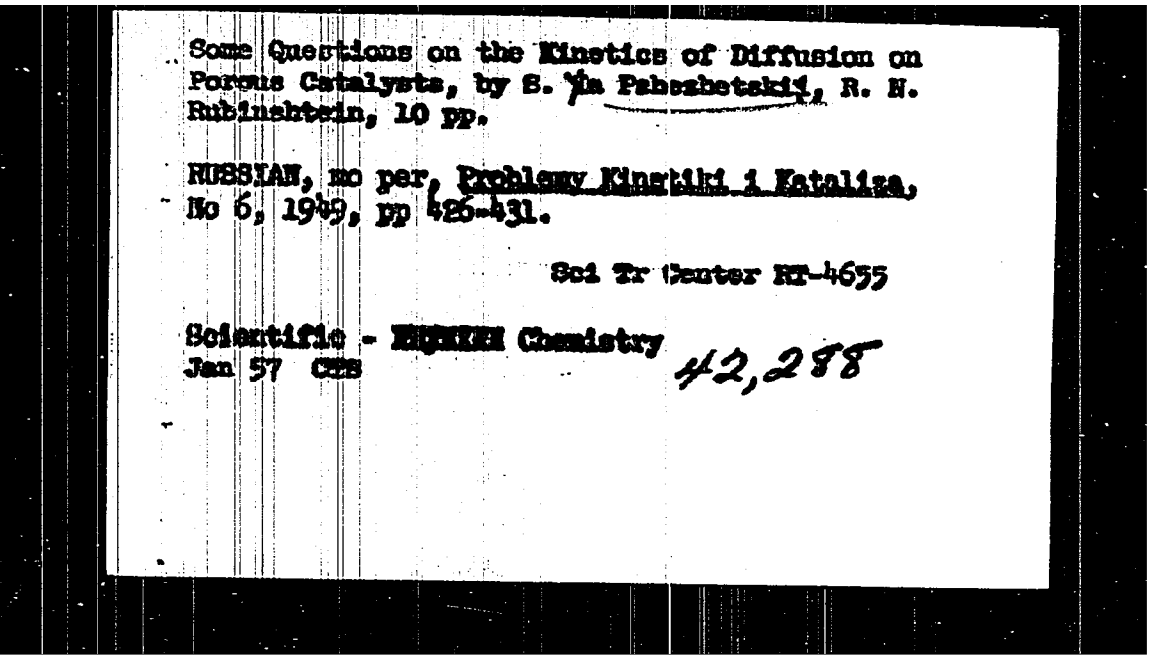

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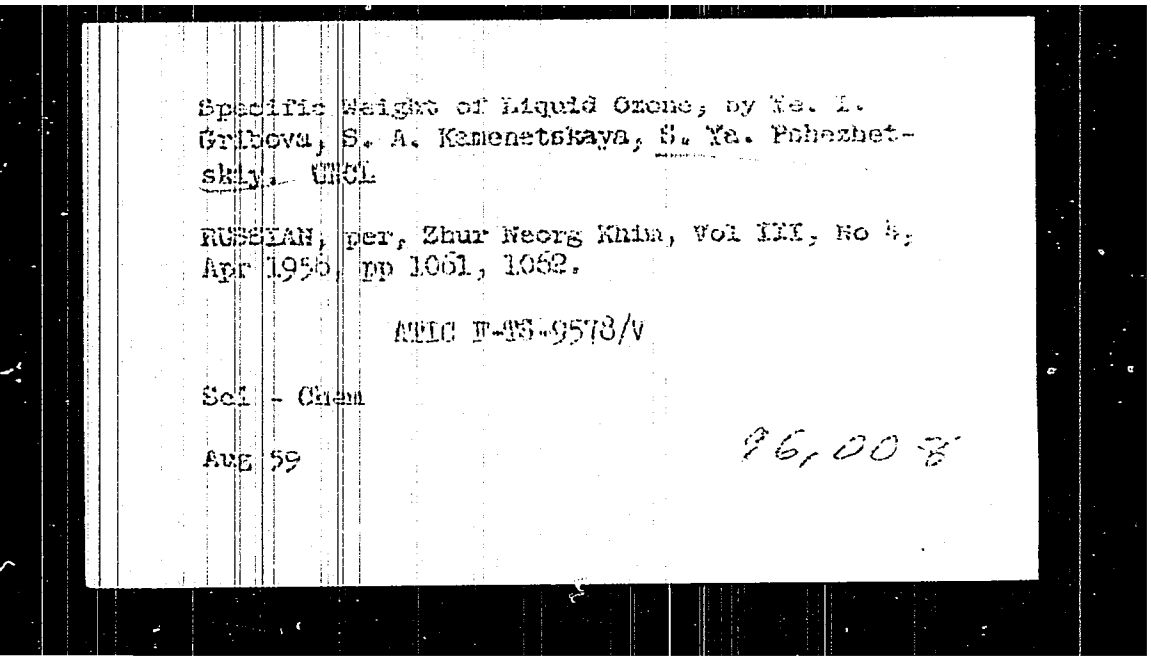

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